

## SEQUENCE LISTING

(1) GENERAL INFORMATION:  
(iii) NUMBER OF SEQUENCES: 16

(2) INFORMATION FOR SEQ ID NO: 1:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 963 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: double  
(D) TOPOLOGY: linear  
(ii) MOLECULE TYPE: cDNA  
(iii) HYPOTHETICAL: N  
(iv) ANTI-SENSE: N  
(vi) ORIGINAL SOURCE:  
(A) ORGANISM: Homo sapiens  
(vii) IMMEDIATE SOURCE:  
(B) CLONE: pTrimer(T0)  
(ix) FEATURE:  
(A) NAME/KEY: CDS  
(B) LOCATION: 12..947  
(D) OTHER INFORMATION:  
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1

Hind III            BglII  
AAGCTTACGTA**AAGA**TCTAACGGTCTCCCTGGCCCCATTGGGCCCTGGTCCTCG  
CGGTGCAC~~TGGT~~GATGCTGGCCTGTTGGTCCCCCGGCCCTGGACCTCCT  
GGTCCCCCTGGCCTCCCAGCGCTGGTTTCGACTTCAGCTCCTGCCAGCAC  
CTCAAGAGAAGGCTACGATGGTGGCCGCTACTACCGGGCTGATGATGCCAATGT  
GGTCGTGACCGTGACCTCGAGGTGGACACCACCCCTCAAGAGCCTGAGCCAGCAG  
ATCGAGAACATCCGGAGGCCAGAGGGAAGCCGCAAGAACCCGCCGCACCTGCC  
GTGACCTCAAGATGTGCCACTCTGACTGGAAGAGTGGAGAGTACTGGATTGACCC  
CAACCAAGGCTGCAACCTGGATGCCATCAAAGTCTTCTGCAACATGGAGACTGGT  
GAGACCTGCGTGTACCCACTCAGCCCAGTGTGGCCAGAAGAACTGGTACATCA  
GCAAGAACCCCAAGGACAAGAGGCATGTCTGGTTGGCGAGAGCATGACCGATGG  
ATTCCAGTTGAGTATGGCGGCCAGGGCTCCGACCTGCCATGTGGCCATCCAG  
CTGACCTTCCTGCGCCTGATGTCCACCGAGGCCTCCAGAACATCACCTACCACT  
GCAAGAACAGCGTGGCCTACATGGACCAGCAGACTGGCAACCTCAAGAACGGCC  
GCTCCTCAAGGGCTCCAACGAGATCGAGATCCGCGCCGAGGGCAACAGCCGCTTC  
ACCTACAGCGTCACTGTCGATGGCTGCACGAGTCACACCGGAGCCTGGGGCAAGA  
CAGTGATTGAATAACAAACCAAGTCCTCCGCCTGCCATCATCGATGTGGC

CCCTTGACGTTGGGCCAGACCAGGAATTGGCTCGACGTTGGCCCTGTC  
TGCTTCTGTAAACTCCCTCCATCTAGA

Xba I

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 311 amino acids
- (B) TYPE: amino acid
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(vi) ORIGINAL SOURCE:

- (A) ORGANISM: Homo sapiens

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2

1 RSNGLPGPIG PPGPRGRGD AGPVGPPGPP GPPGPPGPPS AGFDFSLPQ PPQEKAHDGG	60
61 RYYRADDANV VRDRDLEVDT TLKSLSQQIE NIRSPEGSRK NPARTCRDLK MCHSDWKSGE	120
121 YWIDPNQGCN LDAIKVFCNM ETGETCVYPT QPSVAQKNWY ISKNPKDKRH VWFGESMTDG	180
181 FQFEYGGQGS DPADVAIQLT FLRLMSTEAS QNITYHCKNS VAYMDQQTGN LKKALLLKGS	240
241 NEIEIRAEQN SRFTYSVTVD GCTSHTGAWG KTVIEYKTTK SSRLPIIDVA PLDVGAPDQE	300
301 FGFDVGPVCF L	

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 771 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(iii) HYPOTHETICAL: N

(iv) ANTI-SENSE: N

(vi) ORIGINAL SOURCE:

- (A) ORGANISM: Homo sapiens

(vii) IMMEDIATE SOURCE:

- (B) CLONE: pTrimer(T2)

(ix) FEATURE:

- (A) NAME/KEY: CDS
- (B) LOCATION: 12..755
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3

Hind III BglII

AAGCTTACGTAAGATCTGATGCCAATGTGGTCGTGACCGTGACCTCGAGGTGGACACCACCT  
CAAGAGCCTGAGCCAGCAGATCGAGAACATCCGGAGGCCAGAGGGAAGCCGCAAGAACCCCGCC

CGCACCTGCCGTGACCTCAAGATGTGCCACTCTGACTGGAAGAGTGGAGAGTACTGGATTGACC  
CCAACCAAGGCTGCAACCTGGATGCCATCAAAGTCTTCTGCAACATGGAGACTGGTGAGACCTG  
CGTGTACCCCACTCAGCCCAGTGTGGCCAGAAGAACTGGTACATCAGCAAGAACCCCAAGGAC  
AAGAGGCATGTCTGGTTCGGCGAGAGCATGACCGATGGATTCCAGTCAGTATGGCGGCCAGG  
GCTCCGACCTGCCGATGTGGCCATCCAGCTGACCTTCTGCGCCTGATGTCCACCGAGGCCTC  
CCAGAACATCACCTACCACTGCAAGAACAGCGTGGCCTACATGGACCAGCAGACTGGCAACCTC  
AAGAAGGCCCTGCTCCTCAAGGGCTCCAACGAGATCGAGATCCGCGCCAGGGCAACAGCCGCT  
TCACCTACAGCGTCACTGTCATGGCTGCACGAGTCACACCGGAGCCTGGGGCAAGACAGTGAT  
TGAATAACAAAACCACCAAGTCCTCCCGCCTGCCATCATCGATGTGGCCCCTTGGACGTTGGT  
GCCCGAGACCAGGAATTGGCTTCGACGTTGGCCCTGCTGCTCCTG**TAA**ACTCCCTCCATCT  
AGA

Xba I

(2) INFORMATION FOR SEQ ID NO: 4:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 247 amino acids
  - (B) TYPE: amino acid
  - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: protein
- (vi) ORIGINAL SOURCE:
  - (A) ORGANISM: Homo sapiens
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4

1	RSDANVVRDR DLEVDTTLKS LSQQIENIRS PEGSRKNPAR TCRDLKMCHS DWKSGEYWID	60
61	PNQGCNLDAI KVFCNMETGE TCVYPTQPSV AQKNWYISKN PKDKRHWFG ESMTDGFQFE	120
121	YGGQGSDPAD VAIQLTFLRL MSTEASQNIT YHCKNSVAYM DQQTGNLKKA LLLKGSNEIE	180
181	IRAEGLNSRFT YSVTVDGCTS HTGAWGKTVI EYKTTKSSRL PIIDVAPLDV GAPDQEFGFD	240
241	VGPVCFL	

(2) INFORMATION FOR SEQ ID NO: 5:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 2487 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: double
  - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: cDNA
- (iii) HYPOTHETICAL: N
- (iv) ANTI-SENSE: N
- (vi) ORIGINAL SOURCE:
  - (A) ORGANISM: Homo sapiens
- (vii) IMMEDIATE SOURCE:

(B) CLONE: pTrimer/AP-T0

(ix) FEATURE:

(A) NAME/KEY: CDS

(B) LOCATION: 12..2471

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5

Hind III

AAGCTCCTGCATGCTGCTGCTGCTGCTGGGCCTGAGGCTACAGCTCTCCCTG  
GGCATCATCCCAGTTGAGGAGGAACCCGGACTTCTGGAACCGCGAGGCAGCCGAGGC  
CCTGGGTGCCGCCAAGAACGCTGCAGCCTGCACAGACAGCCGCCAAGAACCTCATCATCT  
TCCTGGGCGATGGATGGGGTGTCTACGGTGACAGCTGCCAGGATCCTAAAAGGGCAG  
AAGAAGGACAAACTGGGCCTGAGATAACCCCTGCCATGGACCGCTCCATATGTGGC  
TCTGTCCAAGACATACAATGTAGACAAACATGTGCCAGACAGTGGAGGCCACAGCCACGG  
CCTACCTGTGCCGGGTCAAGGCAACTTCCAGACCATTGGCTTGAGTGCAGCCGCCGC  
TTAACCACTGCAACACGACACGCCAACGAGGTATCTCCGTGATGAATCGGCCAA  
GAAAGCAGGAAAGTCAGTGGAGTGGTAACCACACAGAGTGCAGCACGCCCTGCCAG  
CCGGCACCTACGCCAACCGTGAACCGCAACTGGTACTCGGACGCCGACGTGCCGCC  
TCGGCCCGCCAGGAGGGTGCCAGGACATCGCTACGCAGCTCATCTCAAACATGGACAT  
TGACGTGATCCTAGGTGGAGGCCGAAAGTACATGTTCCATGGAACCCCCAGACCCCTG  
AGTACCCAGATGACTACAGCCAAGGTGGGACCAGGCTGGACGGGAAGAATCTGGTGCAG  
GAATGGCTGGCGAAGGCCAGGGTGCCGGTATGTGTGGAACCGCACTGAGCTCATGCA  
GGCTTCCCTGGACCCGTCTGTGACCCATCTCATGGCTCTTGAGCCTGGAGACATGA  
AATACGAGATCCACCGAGACTCCACACTGGACCCCTCCCTGATGGAGATGACAGAGGCT  
GCCCTGCGCCTGCTGAGCAGGAACCCCCGCCGGCTTCTTCCCTTCGTGGAGGGTGGTC  
CATCGACCATGGTCATCATGAAAGCAGGGCTTACCGGGCACTGACTGAGACGATCATGT  
TCGACGACGCCATTGAGAGGGCGGGCAGCTCACCGAGGAGGACACGCTGAGCCTC  
GTCACTGCCGACCACTCCCACGTCTTCCTCGAGGCTACCCCTGCAGGGAGCTC  
CATCTCGGGCTGGCCCTGGCAAGGCCGGACAGGAAGGCCTACACGGTCCCTCAT  
ACGGAAACGGTCCAGGCTATGTGCTCAAGGACGGGCCGGGGATGTTACCGAGAGC  
GAGAGCGGGAGCCCCGAGTATGGCAGCAGTCAGCAGTGCCCTGGACGAAGAGACCA  
CGCAGGCAGGACGTGGCGGTGTCGCGCGGCCGCAGGCGCACCTGGTTACGGCG  
TGCAGGAGCAGACCTTCATAGCGCACGTCATGGCTTCGCGCCTGCCTGGAGCCCTAC  
ACCGCCTGCGACCTGGGCCCGGCCGCACCAACGACGCCGCACCCGGTTCCGG  
AAGATCTAACGGTCTCCTGGCCCCATTGGGCCCTGGTCTCGCGTGCACGGT  
ATGCTGGTCTGGTGGTCCCCCGGCCCTGGACCTCCTGGTCCCCCTGGTCTCC  
AGCGCTGGTTTCGACTTCAGCTTCTGCCAGCCACCTCAAGAGAAGGCTCACGATGG  
TGGCCGCTACTACCGGGCTGATGATGCCAATGTGGTCTGTGACCGTGACCTCGAGGTGG  
ACACCAACCTCAAGAGCCTGAGCCAGCAGATCGAGAACATCCGGAGCCCAGAGGGAAAGC  
CGCAAGAACCCGCCGCACCTGCCGTGACCTCAAGATGTGCCACTCTGACTGGAAGAG  
TGGAGAGTACTGGATTGACCCCAACCAAGGCTGCAACCTGGATGCCATCAAAGTCTTCT  
GCAACATGGAGACTGGTGGAGACCTGCGTGTACCCACTCAGCCAGTGTGGCCAGAAG  
AACTGGTACATCAGCAAGAACCCAAAGGACAAGAGGCATGTCTGGTCCGGCAGAGGCAT

GACCGATGGATTCCAGTCGAGTATGGCGGCCAGGGCTCCGACCCCTGCCGATGTGGCCA  
TCCAGCTGACCTTCCTGCGCCTGATGTCCACCGAGGCCTCCCAGAACATCACCTACCAC  
TGCAAGAACAGCGTGGCCTACATGGACCAGCAGACTGGCAACCTCAAGAAGGCCCTGCT  
CCTCAAGGGCTCCAACGAGATCGAGATCCCGCCGAGGGCAACAGCCGCTTCACCTACA  
GCGTCACTGTCGATGGCTGCACGAGTCACACCGGAGCCTGGGGCAAGACAGTGATTGAA  
TACAAAACCACCAAGTCCTCCCGCTGCCATCATCGATGTGGCCCCCTGGACGTTGG  
TGCCCCAGACCAGGAATTGGCTTCGACGTTGCCCTGCTGCTTGT**TAA**ACTCCCT  
CCATCTAGA

Xba I

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 819 amino acids
- (B) TYPE: amino acid
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(vi) ORIGINAL SOURCE:

(A) ORGANISM: Homo sapiens

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6

1	MLL LLL LGL RLQLSLGIIP VEEENPDFWN REAAEALGAA KKLQPAQTA A KNLIIFLGDG	60
61	MGVSTVTAAR ILKGQKKDKL GPEIPLAMDR FPYVALSKTY NVDKHPDSG ATATAYLCGV	120
121	KGNFQTIGLS AAARFNQCNT TRGNEVISVM NRAKKAGKSV GVVTTRVQH ASPAGTYAHT	180
181	VNRNWYSDAD VPASARQE GC QDIATQLISN MDIDVILGGG RKYMFPMGTP DPEYPDDYSQ	240
241	GGTRLDGK NL VQEWLAKRQG ARYVWNRT EL MQASLDPSVT HLMGLFEPGD MKYEIH RDST	300
301	LDP SLMEMTE AALRLLSRNP RGFFLFV EGG RIDGHGHES R AYRALTETIM FDDAIERAGQ	360
361	LTSEEDTLSL VTADHSHVFS FGGYPLRGSS IFGLAPGKAR DRKAYTVLLY GNGPGYVLKD	420
421	GARP DVTESE SGSPEYRQQS AVPLDEETHA GEDVAVFARG PQAHLVHGQ EQTFIAHVMA	480
481	FAAC LE PYTA CDLAPPAGTT DAAHPGSGRS NGLPGPIGPP GPRGRTGDAG PVGPPGPPGP	540
541	PGPPGPPSAG FDFSLPQPP QEKAHDGGY YRADDANVVR DRDLEVDTTL KSLSQQIENI	600
601	RSPEGSRKNP ARTCRDLKMC HSDWKSGEYW IDPNQGCNL D AIKVFCNMET GETCVYPTQP	660
661	SVAQKNWYIS KNPKDKRH V FWGESMTDGFQ FEYGGQGSDP ADVAIQLTFL RLMSTEASQN	720
721	ITYHCKNSVA YM DQQTGNLK KALLLKG SNE IEIRAE GNSR FTYSVTVDGC TSHTGAWGKT	780
781	VIEYKTTKSS RLPIIDVAPL DVGAPDQEFG FDVG PVCFL	

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 2294 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(iii) HYPOTHETICAL: N

(iv) ANTI-SENSE: N

(vi) ORIGINAL SOURCE:

(A) ORGANISM: Homo sapiens

(vii) IMMEDIATE SOURCE:

(B) CLONE: pTrimer/AP-T2

(ix) FEATURE:

(A) NAME/KEY: CDS

(B) LOCATION: 12..2278

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7

Hind III

AAGCTTCCTGC**ATG**CTGCTGCTGCTGCTGGCCTGAGGCTACAGCTCCCTG  
GGCATCATCCCAGTTGAGGAGGAGAACCCGGACTCTGGAACCGCGAGGCAGCCGAGGC  
CCTGGGTGCCGCCAAGAACGCTGCAGCTGCACAGACAGCCGCCAAGAACCTCATCATCT  
TCCTGGCGATGGATGGGGTGTCTACGGTACAGCTGCCAGGATCCTAAAAGGGCAG  
AAGAAGGACAAACTGGGCCTGAGATACCCCTGCCATGGACCCTCCCATATGTGGC  
TCTGTCCAAGACATACAATGTAGACAAACATGTGCCAGACAGTGGAGGCCACAGCACGG  
CCTACCTGTGCCGGTCAAGGGCAACTCCAGACCATTGGCTTGAGTGCAGCCGCCGC  
TTAACCAAGTGCACACGACACGCCAACGAGGTACATCTCGTGTGAATCGGCCAA  
GAAAGCAGGAAGTCAGTGGAGTGGTAACCACCAACCGAGTCAGCACGCCCTGCCAG  
CCGGCACCTACGCCACACGGTAACCGCAACTGGTACTCGGACGCCACGTGCCTGCC  
TCGGCCGCCAGGAGGGTGCCAGGACATCGTACGCAGCTCATCTCAAACATGGACAT  
TGACGTGATCCTAGGTGGAGGCCGAAAGTACATGTTCCATGGGAACCCAGACCCCTG  
AGTACCCAGATGACTACAGCCAAGGTGGACCAGGCTGGACGGGAAGAATCTGGTGCAG  
GAATGGCTGGCGAAGGCCAGGGTGCCGGTATGTGTGGAACCGCACTGAGCTCATGCA  
GGCTTCCCTGGACCCGCTGTGACCCATCTCATGGCTCTTGAGCCTGGAGACATGA  
AATACGAGATCCACCGAGACTCCACACTGGACCCCTCCCTGATGGAGATGACAGAGGCT  
GCCCTGCGCCTGCTGAGCAGGAACCCCGCGGCTTCTCCTCTCGTGGAGGGTGGTCG  
CATCGACCATGGTCATCATGAAAGCAGGGCTTACCGGGCACTGACTGAGACGATCATGT  
TCGACGACGCCATTGAGAGGGCGGGCAGCTCACCAGCGAGGAGGACACGCTGAGCCTC  
GTCACTGCCGACCACTCCCACGTCTCCTCGGAGGTACCCCTGCAGGGAGGCTC  
CATCTCGGGCTGGCCCTGGCAAGGCCGGACAGGAAGGCCTACACGGCCTCCTAT  
ACGGAAACGGTCCAGGCTATGTGCTCAAGGACGGCGCCGGGATGTTACCGAGAGC  
GAGAGCGGGAGCCCCGAGTATCGGCAGCAGTCAGCAGTGCCTGGACGAAGAGACCC  
CGCAGGCGAGGACGTGGCGGTGTCGCGCGGCCGCAGGCGCACCTGGTTACGGCG  
TGCAGGAGCAGACCTTCATAGCGCACGTACGGCTTCCGCGCTGCCTGGAGCCCTAC  
ACCGCCTGCGACCTGGCGCCCCCGCCGGCACCAACGACGCCGCCACCCGGTCCGG  
AGATCTGATGCCAATGTGGTCGTGACCGTGACCTCGAGGTGGACACCACCCCTCAAGAG  
CTGAGCCAGCAGATCGAGAACATCCGGAGGCCAGAGGGAAAGCCGCAAGAACCCGCC  
GCACCTGCCGTGACCTCAAGATGTGCCACTCTGACTGGAAGAGTGGAGAGTACTGGATT  
GACCCCAACCAAGGCTGCAACCTGGATGCCATCAAAGTCTTCTGCAACATGGAGACTGG  
TGAGACCTGCGTGTACCCCACTCAGCCCAGTGTGGCCAGAAGAACCTGGTACATCAGCA  
AGAACCCCAAGGACAAGAGGCATGTCTGGTTGGCGAGAGCATGACCGATGGATTCCAG  
TTCGAGTATGGCGGCCAGGGCTCCGACCCCTGCCATGTGGCCATCCAGCTGACCTCCT

GCgcctgatgtccaccgaggcctcccagaacatcacctaccactgcaagaacagcgtgg  
CCTACATGGACCAGCAGACTGGCAACCTCAAGAAGGCCCTGCTCCTCAAGGGCTCCAAC  
GAGATCGAGATCCGCGCCGAGGGCAACAGCCGTTCACCTACAGCGTCACTGTCGATGG  
CTGCACGAGTCACACCGGAGCCTGGGGCAAGACAGTGATTGAATAACAAAACCACCAAGT  
CCTCCCGCCTGCCCATCATCGATGTGGCCCCCTTGGACGTTGGTCCCCAGACCAGGAA  
TTCGGCTTCGACGTTGGCCCTGTCTGCTTCTG**TAA**ACTCCCTCCATCTAGA

Xba I

(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 755 amino acids
- (B) TYPE: amino acid
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(vi) ORIGINAL SOURCE:

(A) ORGANISM: Homo sapiens

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8

1	MLLLLLLGL RLQLSLGIIP VEEENPDFWN REAAEALGAA KKLQPAQTA	60
61	MGVSTVTAAR ILKGQKKDKL GPEIPLAMDR FPYVALSKTY NVDKHVPDSG	120
121	KGNFQTIGLS AAARFNQCNT TRGNEVISVM NRAKKAGKSV GVVTTRVQH ASPAGTYAHT	180
181	VNRNWYSDAD VPASARQEBC QDIATQLISN MDIDVILGGG RKYMFPMSGP DPEYPDDYSQ	240
241	GGTRLDGKNL VQEWLAKRQG ARYVWNRTTEL MQASLDPSVT HLMGLFEPGD MKYEIHRS	300
301	LDPSLMEMTE AALRLLSRNP RGFFLFVEGG RIDHGHESR AYRALTETIM FDDAIERAGQ	360
361	LTSEEDTLSL VTADHSHVFS FGGYPLRGSS IFGLAPGKAR DRKAYTVLLY GNGPGYVLKD	420
421	GARPDVTESE SGSPHEYRQQS AVPLDEETHA GEDVAVFARG PQAHLVHGQ EQTFIAHVMA	480
481	FAACLEPYTA CDLAPPAGTT DAAHPGSGRS DANVVRDRDL EVDTTLKSLS QQIENIRSPE	540
541	GSRKNPARTC RDLKMCHSDW KSGEYWIIDPN QGCNLDAIKV FCNMETGETC VYPTQPSVAQ	600
601	KNWYISKNPK DKRHVWFGES MTDGFQFEYG GQGSDPADVA IQLTFLRLMS TEASQNITYH	660
661	CKNSVAYMDQ QTGNLKKALL LKGSNEIEIR AEGNSRFTYS VTVDGCTSHT GAWGKTVIEY	720
721	KTTKSSRLPI IDVAPLDVGA PDQEFGFDFVG PVCFL	

(2) INFORMATION FOR SEQ ID NO: 9:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 1734 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(iii) HYPOTHETICAL: N

(iv) ANTI-SENSE: N

(vi) ORIGINAL SOURCE:

(A) ORGANISM: Homo sapiens

(vii) IMMEDIATE SOURCE:

(B) CLONE: pTrimer/sTNFRII-T0

(ix) FEATURE:

(A) NAME/KEY: CDS

(B) LOCATION: 18..1718

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9

Bam HI

GGATCCGCCGCACCC**ATGGCGCCGTCGCCGTGGCCGCTGGCGTGGACTGGAGCT**  
CTGGGCTGCGCGCACGCCCTGCCGCCAGGTGGCATTACACCCTACGCCCGAGGCCGG  
AGCACATGCCGGCTCAGAGAAATACTATGACCAGACAGCTCAGATGTGCTGCAGCAAATGCTCGC  
CGGGCCAACATGCAAAGTCTTCTGTACCAAGACCTCGGACACCGTGTGACTCCTGTGAGGA  
CAGCACATACACCCAGCTCTGGAACTGGTTCCCGAGTGCTTGAGCTGTGGCTCCGCTGTAGC  
TCTGACCAGGTGAAACTCAAGCCTGCACCTGGGAACAGAACCGCATCTGCACCTGCAGGCCGG  
GCTGGTACTGCGCGCTGAGCAAGCAGGAGGGGTGCCGGCTGTGCGCGCCGTGCGCAAGTGC  
CCCAGGCTTCGGCGTGGCCAGACCAAGGAACATGAAACATCAGACGTGGTGTGCAAGCCCTGTGCC  
CCGGGGACGTTCTCAACACGACTTCATCCACGGATATTGCAAGGCCACCAGATCTGTAACG  
TGGTGGCCATCCCTGGGAATGCAAGCATGGATGCAGTCTGCACGTCCACGTCCCCCACCGGAG  
TATGGCCCCAGGGGCAGTACACTTACCCAGCCAGTGTCCACACGATCCAACACACGCCAG  
ACTCCAGAACCCAGCACTGCTCCAAGCACCTCCTCTGCTCCCAATGGGCCAGCCCCCAG  
CTGAAGGGAGCACTGGAT**CTAACGGTCTCCCTGGCCCCATTGGGCCCTGGTCTCGCGG**  
TCGCACTGGTGTGCTGGTCTGGTCTGGTCTGGTCTGGTCTGGTCTGGTCTGGTCTGGTCTGG  
CTGGTCTCTCCAGCGCTGGTTCTGACTTCAGCTTCTGCCAGCCACCTCAAGAGAAAG  
GCTCACGATGGTGGCCGCTACTACCGGGCTGATGATGCCAATGTGGTCTGTGACCGTGA  
CCTCGAGGTGGACACCACCTCAAGAGCCTGAGCCAGCAGATCGAGAACATCCGGAGCC  
CAGAGGGAAGCCGCAAGAACCCGCCACCTGCCGTGACCTCAAGATGTGCCACTCT  
GAATGGAAGAGTGGAGAGTACTGGATTGACCCCAACCAAGGCTGCAACCTGGATGCCAT  
CAAAGTCTTCTGCAACATGGAGACTGGTGAGACCTGCGTGTACCCACTCAGCCAGTG  
TGGCCAGAACGACTGGTACATCAGCAAGAACCCCAAGGACAAGAGGCATGTCTGGTTC  
GGCGAGAGCATGACCGATGGATTCCAGTTGAGTATGGCGGCCAGGGCTCCGACCCCTGC  
CGATGTGGCCATCCAGCTGACCTTCTGCGCCTGATGTCCACCGAGGCCTCCAGAAC  
TCACCTACCACTGCAAGAACAGCGTGGCTACATGGACCGAGCAGACTGGCAACCTCAAG  
AAGGCCCTGCTCCTCAAGGGCTCCAACGAGATCGAGATCCGCGCCGAGGGCAACAGCCG  
CTTCACCTACAGCGTCACTGTCGATGGCTGCACGAGTCACACCGGAGCCTGGGCAAGA  
CAGTGATTGAATAACAAAACCACCAAGTCCTCCGCCTGCCCATCATCGATGTGGCCCC  
TTGGACGTTGGTGGCCAGACCAAGGAATTGGCTTCGACGTTGGCCCTGTCTGCTTCC  
**GTAA**ACTCCCTCCATCTAGA

Xba I

(2) INFORMATION FOR SEQ ID NO: 10:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 566 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear  
 (ii) MOLECULE TYPE: protein  
 (vi) ORIGINAL SOURCE:  
 (A) ORGANISM: Homo sapiens  
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10

1	MAPVAVWAAL AVGLELWAAA HALPAQVAFT PYAPEPGSTC RLREYYDQTA QMCCSKCSPG	60
61	QHAKVFCTKT SDTVCDSCED STYTQLWNWV PECLSCGSRC SSDQVETQAC TREQNRICTC	120
121	RPGWYCALS K QEGCRLCAPL RKCRPGFGVA RPTGETSDVV CKPCAPGTFS NTTSTDICR	180
181	PHQICNVVAI PGNASMDAVC TSTS PTRSMA PGAVHLPQPV STRSQHTQPT PEPSTAPSTS	240
241	FLLPMGPSPP AEGST <b>G</b> SNGL PGPIGPPGPR GRTGDAGPVG PPGPPGPPGP PGPPSAGFDF	300
301	SFLPQPPQEKAHDGGRYYRA DDANVVRDRD LEVDTTLKSL SQQIENIRSP EGSRKNPART	360
361	CRDLKMCHSD WKSGEYWIDP NQGCNLDAIK VFCNMETGET CVYPTQPSVA QKNWYISKNP	420
421	KDKRHVWFGE SMTDGFQFEY GGQGSDPADV AIQLTFLRLM STEASQNITY HCKNSVAYMD	480
481	QQTGNLKKAL LLKGSNEIEI RAEGNSRFTY SVTVDGCTSH TGAWGKTVIE YKTTKSSRLP	540
541	IIDVAPLDVG APDQEFGFDV GPVCFL	

(2) INFORMATION FOR SEQ ID NO: 11:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 1542 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: double
  - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: cDNA
- (iii) HYPOTHETICAL: N
- (iv) ANTI-SENSE: N
- (vi) ORIGINAL SOURCE:
  - (A) ORGANISM: Homo sapiens
- (vii) IMMEDIATE SOURCE:
  - (B) CLONE: pTrimer/sTNFRII-T2
- (ix) FEATURE:
  - (A) NAME/KEY: CDS
  - (B) LOCATION: 18..1526
  - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11

Bam HI

GGATCCCGCCCGCACCC**AT**GGCGCCCGTCGCCGTGGGCCGCGCTGGCCGTGGACTGGAGCT  
 CTGGGCTGCGGCGCACGCCCTGCCCGCCAGGTGGCATTTACACCCCTACGCCCGGAGCCCGGG  
 AGCACATGCCGGCTCAGAGAAATACTATGACCAGACAGCTCAGATGTGCTGCAGCAAATGCTCGC  
 CGGGCCAACATGCAAAAGTCTTCTGTACCAAGACCTCGGACACCGTGTTGACTCCTGTGAGGA  
 CAGCACATACACCCAGCTCTGGAACTGGTTCCCGAGTGCTGAGCTGTGGCTCCGCTGTAGC  
 TCTGACCAGGTGGAAACTCAAGCCTGCACTCGGAACAGAACCGCATCTGCACCTGCAGGCCG

GCTGGTACTGCGCGCTGAGCAAGCAGGAGGGGTGCCGGCTGTGCGGCCGCTGCGCAAGTGCC  
 CCCGGGCTTCGGCGTGGCCAGACCAGGAACATGAAACATCAGACGTGGTGTGCAAGCCCTGTGCC  
 CCGGGGACGTTCTCCAACACGACTCATCCACGGATATTGCAGGCCACAGATCTGTAACG  
 TGGTGGCCATCCCTGGGAATGCAAGCATGGATGCAGTCTGCACGTCCACGTCCCCACCGGAG  
 TATGGCCCCAGGGCAGTACACTACCCAGCCAGTGTCCACACGATCCCACACACGAGCCA  
 ACTCCAGAACCCAGCACTGCTCCAAGCACCTCCTCTGCTCCAATGGCCCCAGCCCCCAG  
 CTGAAGGGAGCACTGGATCTGATGCCAATGTGGTCGTGACCGTGACCTCGAGGTGGACAC  
 CACCCCTCAAGAGCCTGAGCCAGCAGATCGAGAACATCCGGAGCCCAGAGGGAAAGCCGCA  
 AGAACCCCAGCCGACCTGCCGTGACCTCAAGATGTGCCACTCTGACTGGAAGAGTGG  
 GAGTACTGGATTGACCCAACCAAGGCTGCAACCTGGATGCCATCAAAGTCTTCTGCAA  
 CATGGAGACTGGTGGAGACCTGCGTGTACCCACTCAGCCAGTGTGGCCAGAAGAACT  
 GGTACATCAGCAAGAACCCAAAGGACAAGAGGCATGTCTGGTCGGCGAGAGCATGACC  
 GATGGATTCCAGTTGAGTATGGCGGCCAGGGCTCCGACCCCTGCCGATGTGGCCATCCA  
 GCTGACCTTCCTGCGCCTGATGTCCACCGAGGCCCTCCAGAACATCACCTACCAACTGCA  
 AGAACAGCGTGGCCTACATGGACCAGCAGACTGGCAACCTCAAGAACGGCCCTGCTCCTC  
 AAGGGCTCCAACGAGATCGAGATCCCGCGCCGAGGGCAACAGCCGTTCACCTACAGCGT  
 CACTGTCGATGGCTGCACGAGTCACACCGAGCCCTGGGCAAGACAGTGATTGAATACA  
 AAACCACCAAGTCCTCCGCTGCCATCATCGATGTGGCCCCCTGGACGTTGGTGC  
 CCAGACCAGGAATTGGCTTCGACGTTGGCCCTGTCTGCTTCTG**TAA**ACTCCCTCCAT  
CTAGA

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(2) INFORMATION FOR SEQ ID NO: 12:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 502 amino acids
  - (B) TYPE: amino acid
  - (D) TOPOLOGY: linear

- (ii) MOLECULE TYPE: protein
- (vi) ORIGINAL SOURCE:
  - (A) ORGANISM: Homo sapiens

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12

1	MAPVAVWAAL	AVGLELWAAA	HALPAQVAFT	PYAPEPGSTC	RLREYYDQTA	QMCCSKCSPG	60
61	QHAKVFCTKT	SDTVCDSCED	STYTQLWNWV	PECLSCGSRC	SSDQVETQAC	TREQNRICTC	120
121	RPGWYCALSX	QEGCRLCAPL	RKCRPGFGVA	RPGTETSDVV	CKPCAPGTFS	NTTSSTDICR	180
181	PHQICNVVAI	PGNASMDAVC	TSTSPTRSMA	PGAVHLPQPV	STRSQHTQPT	PEPSTAPSTS	240
241	FLLPMGPSPPP	AEGST <b>GSD</b> DAN	VVRDRDLEVD	TTLKLSLSQQI	ENIRSPEGSR	KNPARTCRDL	300
301	KMCHSDWKSG	EYWIDPNQGC	NLDAIKVFCN	METGETCVYP	TQPSVAQKNW	YISKNPKDKR	360
361	HWWFGESMTD	GFQFEYGGQG	SDPADVAIQL	TFLRLMSTEAS	SQNITYHCKN	SVAYMDQQTG	420
421	NLKKALLLKX	SNEIEIRAEQ	NSRFTYSVT	DGCTSHTGAW	GKTVIEYKTT	KSSRLPIIDV	480
481	APLDVGAPDQ	EFGFDVGPVC	FL				

(2) INFORMATION FOR SEQ ID NO: 13:

- (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 2139 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: cDNA
- (iii) HYPOTHETICAL: N
- (iv) ANTI-SENSE: N
- (vi) ORIGINAL SOURCE:
  - (A) ORGANISM: Homo sapiens
- (vii) IMMEDIATE SOURCE:
  - (B) CLONE: pTrimer/sCD4-T0
- (ix) FEATURE:
  - (A) NAME/KEY: CDS
  - (B) LOCATION: 24..2123
  - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13

Hind III

AAGCTTCCCTCGCAAGGCCACA**ATGAACCGGGAGTC**CCTTAGGCACTGCTTCTG  
GTGCTGCAACTGGCGCTCCTCCCAGCAGCCACTCAGGGAAAGAAAGTGGTGTGGCAA  
AAAAGGGATA**CAGTGGAACTGAC**CTGTACAGCTCCAGAAGAAGAGCATACAATTCC  
ACTGGAAAAACTCCAACCAGATAAAGATTCTGGAAATCAGGGCTCCTTAACTAAA  
GGTCCATCCAAGCTGAATGATCGCGCTGACTCAAGAAGAAGCCTTGGGACCAAGGAAA  
CTTTCCCCTGATCATCAAGAATCTTAAGATAGAAGACTCAGATACTTACATCTGTGAAG  
TGGAGGACCAGAAGGAGGGAGGTGCAATTGCTAGTGTGGATTGACTGCCA**ACTCTGAC**  
ACCCACCTGCTTCAGGGCAGAGCCTGACCTTGAGAGCCCCCTGGTAGTAG  
CCCCTCAGTGCAATGTAGGAGTCCAAGGGTAAAACATA**CAGGGGGGAAGAC**CCCTCT  
CCGTGTCTCAGCTGGAGCTCCAGGATAGTGGCACCTGGACATGCACTGTCTGCAGAAC  
CAGAAGAAGGTGGAGTTCAAAATAGACATCGTGGTGTAGCTTCCAGAAGGCCTCCAG  
CATAGTCTATAAGAAAGAGGGGAACAGGTGGAGTTCTCCTCCC**ACTCGC**CTTACAG  
TTGAAAAGCTGACGGGCAGTGGCGAGCTGTGGTGGCAGGCGGAGAGGGCTCCTCCTCC  
AAGTCTTGGATCACCTTGACCTGAAGAACAGGAAGTGTCTGTAAAACGGTTACCCA  
GGACCCCTAAGCTCCAGATGGCAAGAAGCTCCGCTCCACCTCACCTGCCAGGCCT  
TGCCTCAGTATGCTGGCTCTGGAAACCTCACCTGGCCCTGAAGCGAAAACAGGAAAG  
TTGCATCAGGAAGTGAACCTGGTGGTGTAGGAGAGCCACTCAGCTCCAGAAAAATTGAC  
CTGTGAGGTGTGGGACCCACCTCCC**TAAGCT**GATGCTGAGCTGAAACTGGAGAAC  
AGGAGGCAAAGGTCTCGAAGCAGGGAGAAGGCGGTGTGGGTGTGAACCC**TGAGGCGGG**  
ATGTGGCAGTGTCTGCTGAGTGA**CTCGGGACAGGT**CCTGCTGGAATCCA**ACATCAAGGT**  
TCTGCC**CAGATCTAACGGT**CTCCCTGGCCCCATTGGGCCCTGGTCTCGCGGTGCA  
CTGGTGATGCTGGTCTGGTCCCCCGGCCCTCTGGACCTCCTGGTCCCCCTGGT  
CCTCCCAGCGCTGGTTGACTTCAGCTTCCCTGCCAGCCACCTCAAGAGAAGGCTCA  
CGATGGTGGCCGCTACTACCAGGGCTGATGATGCCA**ATGTGGT**CGTGACCGTGACCTCG

AGGTGGACACCACCTCAAGAGCCTGAGCCAGCAGATCGAGAACATCCGGAGCCCAGAG  
 GGAAGCCGCAAGAACCCCCGCCGCACCTGCCGTGACCTCAAGATGTGCCACTCTGACTG  
 GAAGAGTGGAGAGTACTGGATTGACCCCAACCAAGGCTGCAACCTGGATGCCATCAAAG  
 TCTTCTGCAACATGGAGACTGGTGANACCTGCGTGTACCCCACTCAGCCCAGTGTGGCC  
 CAGAAGAACTGGTACATCAGCAAGAACCCCAAGGACAAGAGGCATGTCTGGTCGGCGA  
 GAGCATGACCGATGGATTCCAGTTGAGTATGGCGGCCAGGGCTCCGACCCTGCCGATG  
 TGGCCATCCAGCTGACCTTCCTGCGCCTGATGTCCACCGAGGGCTCCAGAACATCACC  
 TACCACTGCAAGAACAGCGTGGCCTACATGGACCAGCAGACTGGCAACCTCAAGAAGGC  
 CCTGCTCCTCAAGGGCTCCAACGAGATCGAGATCCGCGCCAGGGCAACAGCCGCTTCA  
 CCTACAGCGTCACTGTCGATGGCTGCACGAGTCACACCGGAGCCTGGGCAAGACAGTG  
 ATTGAATAACAAAACCACCAAGTCCTCCGCCTGCCATCATCGATGTGGCCCCCTTGGGA  
 CGTTGGTGCCCCAGACCAGGAATTGGCTTCGACGTTGGCCCTGTCTGCTTCTG**TAAA**  
CTCCCTCCATCTAGA

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(2) INFORMATION FOR SEQ ID NO: 14:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 699 amino acids
- (B) TYPE: amino acid
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(vi) ORIGINAL SOURCE:

(A) ORGANISM: Homo sapiens

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:14

1	MNRGVFPRHL LLVLQLALLP AATQGKKVVL GKKGDTVELT CTASQKKSIO FHWKNSNQIK	60
61	ILGNQGSFLT KGPSKLNDRA DSRRSLWDQG NFPLIIKNLK IEDSDTYICE VEDQKEEVQL	120
121	LVFGLTANSR THLLQGQSLT LTLESPPGSS PSVQCRSPRG KNIQGGKTLS VSQLELQDSG	180
181	TWTCTVLQNQ KKVEFKIDIV VLAFQKASSI VYKKEGEQVE FSFPLAFTVE KLTGSGELWW	240
241	QAERASSSSKS WITFDLKNKE VSVKRVTQDP KLQMGKKLPL HLTLPQALPQ YAGSGNLTLA	300
301	LEAKTGKLHQ EVNLVVVRAT QLQKNLTCEV WGPTSPKLMV SLKLENKEAK VSKREKAVWV	360
361	LNPEAGMWQC LLSDSGQVLL ESNIKVLP <i>RS</i> NGLPGPIGPP GPRGRGDAG PVGPPGPPGP	420
421	<u>PGPPGPPSAG</u> FDFSLPQPP QEKAHDGGRY YRADDANVVR DRDLEVDTTL KSLSQQIENI	480
481	RSPEGSRKNP ARTCRDLKMC HSDWKSGEYW IDPNQGCNLDAIKVFCNMET GETCVYPTQP	540
541	SVAQKNWYIS KNPKDKRHVW FGESMTDGFQ FEYGGQGSDP ADVAIQLTFL RLMSTEASQN	600
601	ITYHCKNSVA YMDDQQTGNLK KALLLKGSE IEIRAEGRSR FTYSVTVDGC TSHTGAWGKT	660
661	VIEYKTTKSS RLPIIDVAPL DVGAPDQEFG FDVGPVCF	

(2) INFORMATION FOR SEQ ID NO: 15:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 1947 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(iii) HYPOTHETICAL: N

(iv) ANTI-SENSE: N

(vi) ORIGINAL SOURCE:

(A) ORGANISM: Homo sapiens

(vii) IMMEDIATE SOURCE:

(B) CLONE: pTrimer/sCD4-T2

(ix) FEATURE:

(A) NAME/KEY: CDS

(B) LOCATION: 24..1931

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:15

Hind III

AAGCTCCCTCGCAAGGCCACA**ATGAACCGGGGAGTCCTTTAGGCAC**TGCTTCTG  
 GTGCTGCAACTGGCGCTCCTCCCAGCAGCCACTCAGGGAAAGAAAGTGGTGCTGGCAA  
 AAAAGGGATAACAGTGAACGTACGCTGTACAGCTCCCAGAAGAACAGGACATAATTCC  
 ACTGGAAAAACTCCAACCAGATAAAGATTCTGGAAATCAGGGCTCCTCTTAAC

AAA GGTCCATCCAAGCTGAATGATCGCGCTGACTCAAGAAGAACGCTTGGGACCAAGGAAA  
 CTTCCTGATCATCAAGAATCTTAAGATAGAAGACTCAGATACTTACATCTGTGAAG  
 TGGAGGACCAGAAGGAGGAGGTGCAATTGCTAGTGGTGGATTGACTGCCA

ACTCTGACCCACCTGCTTCAGGGCAGAGCCTGACCTGGAGAGGCCCTGGTAG  
 CCCCTCAGTGCATGTAGGAGTCCAAGGGTAAAACATACAGGGGGGAAGACCC  

CTCTCGTCTCAGCTGGAGCTCCAGGATAGTGGCACCTGGACATGCACTGTCTGCAGAAC  
 CAGAAGAACGGTGGAGTTCAAAATAGACATCGTGGTGTAGCTTCCAGAACGGCTCCAG  
 CATAGTCTATAAGAACAGGGGACAGGTGGAGTTCTCCTCCACTCGCCTTACAG  
 TTGAAAAGCTGACGGGAGTGGCGAGCTGTGGTGGCAGGCGGAGAGGGCTTCTCC  
 AAGTCTGGATCACCTTGACCTGAAGAACAGGAAGTGTCTGTAAAACGGTTACCCA  
 GGACCTTAAGCTCCAGATGGCAAGAACAGCTCCGCTCCACCTCACCCCTGCC  
 CGCCTTGACCTGGCTCTGGAAACCTCACCCCTGGCCCTGAAGCGAAAACAGGAAAG  
 TTGCATCAGGAAGTGAACCTGGTGGTGTAGGAGAGCCACTCAGCTCCAGAAAAATTGAC  
 CTGTGAGGTGTGGGACCCACCTCCCTAACGCTGATGCTGAGCTGAAACTGGAGAAC  
 AGGAGGCAAAGGTCTCGAAGCAGGGAGAACGGCGGTGTGGGTGCTGAACCC  
 ATGTGGCAGTGTCTGCTGAGTGA

CTGACTCAGGACAGCTGGCAGTGTGGTGTGGTGTGGCAGAGGGAAAGCCGCAAGAAC  
 CCCGCCGCACCTGCCGTGACCTCAAGATGTGCCACTCTGACTGGAAGAGTGGAGAGTA  
 CTGGATTGACCCCAACCAAGGCTGCAACCTGGATGCCATCAAAGTCTCTGCAACATGG  
 AGACTGGTGA

GAGACCTGCGTGTACCCACTCAGGCCAGTGTGGCCAGAAGAACACTGGTAC  
 ATCAGCAAGAACCCCAAGGACAAGAGGCATGTCTGGTTGGCGAGAGCATGACCGATGG  
 ATTCCAGTTCGAGTATGGCGGCCAGGGCTCCGACCCCTGCCGATGTGGCCATCCAGCTGA

CCTTCCTGCGCCTGATGTCCACCGAGGCCTCCCAGAACATCACCTACCACTGCAAGAAC  
AGCGTGGCCTACATGGACCAGCAGACTGGAACCTCAAGAAGGCCCTGCTCCTCAAGGG  
CTCCAACGAGATCGAGATCCGCGCCGAGGGCAACAGCCGCTTACCTACAGCGTCACTG  
TCGATGGCTGCACGAGTCACACCGGAGCCTGGGGCAAGACAGTGATTGAATA  
ACCAAGTCCTCCCGCTGCCCATCGATGTGGCCCCCTGGACGTTGGTGC  
CCAGGAATTGGCTTCGACGTTGGCCCTGTCTGCTCCTG**TAA**ACTCCCTCCATCTAGA  
Xba I

(2) INFORMATION FOR SEQ ID NO: 16:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 635 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(vi) ORIGINAL SOURCE:

(A) ORGANISM: Homo sapiens

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:16

1	MNRGVFRHL LLVLQLALLP AATQGKKVVL GKKGDTVELT CTASQKSIQ FHWKNSNQIK	60
61	ILGNQGSFLT KGPSKLNDRA DSRRSLWDQG NFPLIIKNLK IEDSDTYICE VEDQKEEVQL	120
121	LVFGLTANSR THLLQGQSLT LTLESPPGSS PSVQCRSPRG KNIQGGKTLS VSQLELQDSG	180
181	TWTCTVLQNQ KKVEFKIDIV VLAFQKASSI VYKKEGEQVE FSFPLAFTVE KLTGSGELWW	240
241	QAERASSSKS WITFDLKNKE VSVKRVTDQDP KLQMGKKLPL HLTLQPALPQ YAGSGNLTLA	300
301	LEAKTGKLHQ EVNLVVMRAT QLQKNLTCEV WGPTSPKML SLKLENKEAK VSKREKAVWV	360
361	LNPEAGMWQC LLSDSGQVLL ESNIKVLP <b>R</b> S DANVVRDRDL EVDTTLKSLS QQIENIRSPE	420
421	GSRKNPARTC RDLKMCHSDW KSGEYWIDPN QGCNLDAIKV FCNMETGETC VYPTQPSVAQ	480
481	KNWYISKNPK DKRHVWFGES MTDGFQFEYG GQGSDPADVA IQLTFLRLMS TEASQNITYH	540
541	CKNSVAYMDQ QTGNLKKALL LKGSNEIEIR AEGNSRFTYS VTVDGCTSHT GAWGKTVIEY	600
601	KTTKSSRLPI IDVAPLDVGA PDQEFGFDVG PVCFL	